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(54) Title: METHODS AND COMPOSITIONS FOR NUCLEIC ACID TARGETING --				
(57) Abstract				
<p>The present invention relates to methods and compositions for targeting nucleic acid sequences, more specifically double stranded nucleic acid sequences. The compositions comprise oligonucleotides in the form of padlock probes. The padlock probes have two free nucleic acid end parts which are at least partially complementary to and capable of hybridizing with two at least substantially neighboring respective regions of a target nucleic acid sequence. Furthermore, the invention relates to use of said compositions as medicaments for treating genetic disorders.</p>				